

Storage Length Adjustment Factors

v/c RATIO, X	CYCLE LENGTH, C (SEC)				
	60	70	80	90	100
0.50	0.70	0.76	0.84	0.89	0.94
0.55	0.71	0.77	0.85	0.90	0.95
0.60	0.73	0.79	0.87	0.92	0.97
0.65	0.75	0.81	0.89	0.94	1.00
0.70	0.77	0.84	0.92	0.98	1.03
0.75	0.82	0.88	0.98	1.03	1.09
0.80	0.88	0.95	1.05	1.11	1.17
0.85	0.99	1.06	1.18	1.24	1.31
0.90	1.17	1.26	1.40	1.48	1.56
0.95	1.61	1.74	1.92	2.03	2.14

Notes:

1. *Figure applies to exclusive left-turn lanes and exclusive right-turn lanes where right-turn-on-red are not allowed.*
2. *See minimum storage length discussion in Section 46-4.02(02).*
3. *To determine the v/c ratio and the passenger car equivalent (PCE) values, see Highway Capacity Manual.*

RECOMMENDED STORAGE LENGTH FOR SIGNALIZED INTERSECTIONS

Figure 46-4K